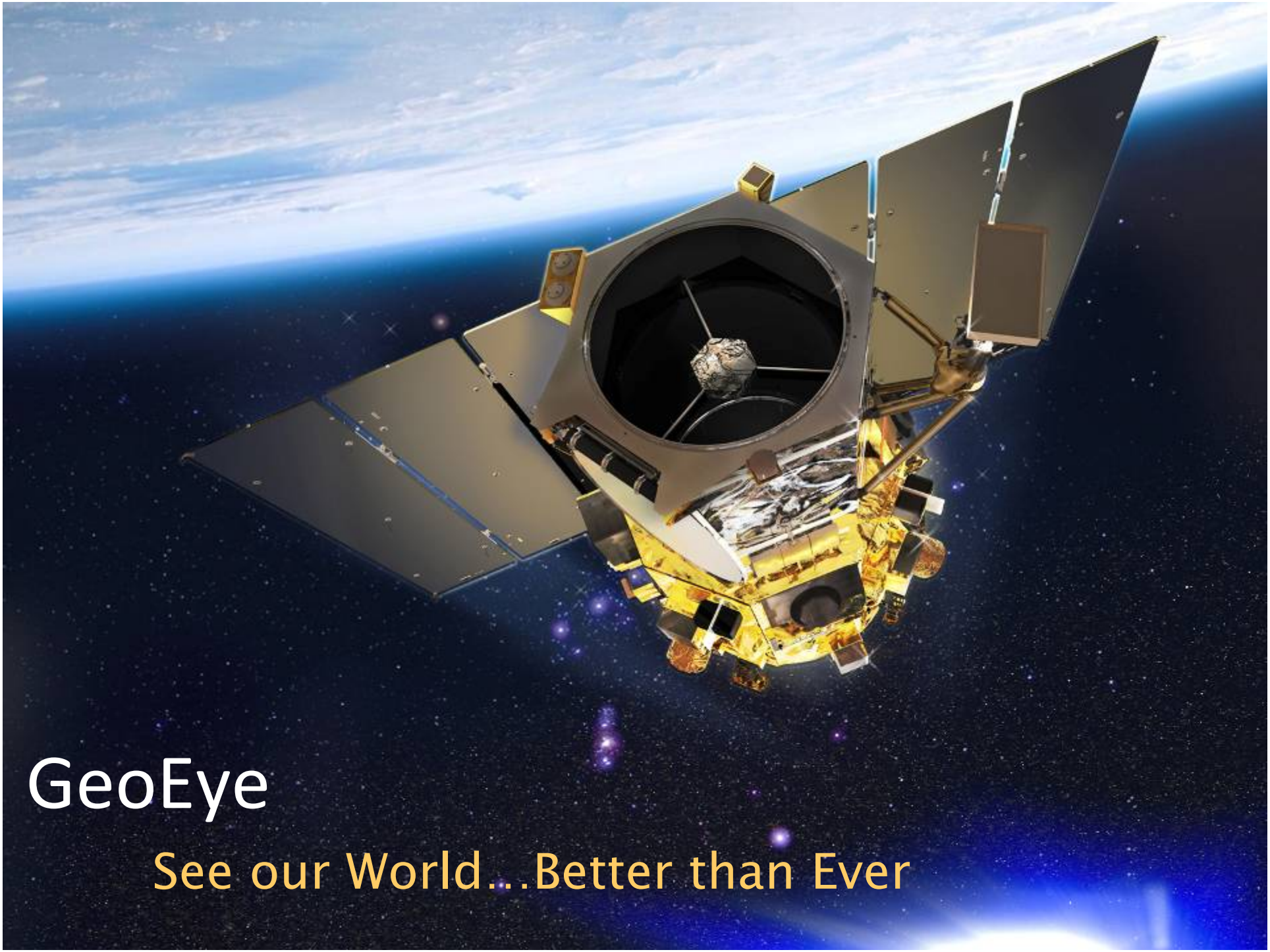

GeoEye
See our World…Better than Ever

GeoEye
High Resolution Satellite Imagery for Africa

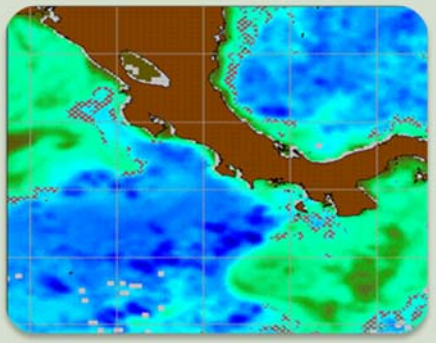
Ms. Andrea Cook

UN SPIDER Regional Conference

9 July 2010

What We Do

Our mission is to enable
***Timely, Accurate* and *Accessible* Location Based Products and Information**



Satellite & aerial ***Collection Services***

Precision geospatial ***Production Services***

A provider of location based ***Information Services***

Customers

Domestic

Government

- Direct Sales to NGA
(National Geospatial-Intelligence Agency)
- Other USG agencies

Commercial

Direct

Google

SAIC
From Science to Solutions

Reseller

PhotoSat

SPATIAL ENERGY

- Direct Sales to key customers
- Value-added Channel Resellers for commercial sales

International

Government

- Direct Sales to Foreign Governments

Commercial

Direct

TELESPAZIO
A Finmeccanica / Thales Company

INTA SPACETURK

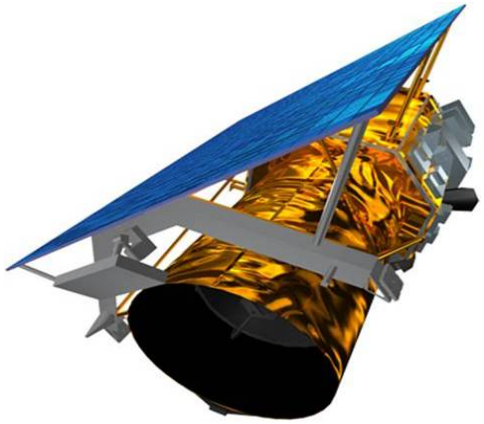
Reseller

SPOT ASIA

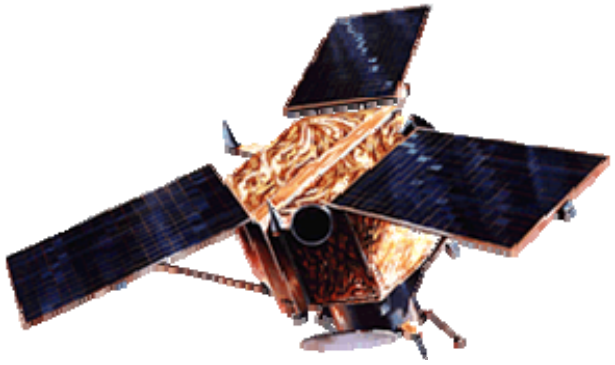
- Direct Sales to Regional Affiliates
- Channel Resellers for commercial sales

GeoEye

GeoEye Sensors



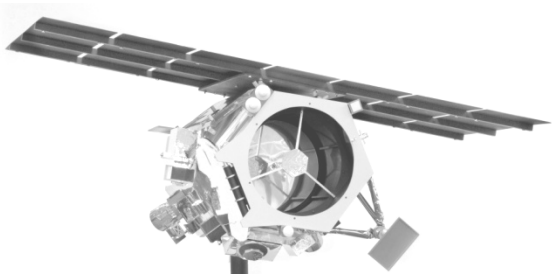
GeoEye-1



IKONOS

MJ Harden Digital Mapping Camera & LiDAR sensors

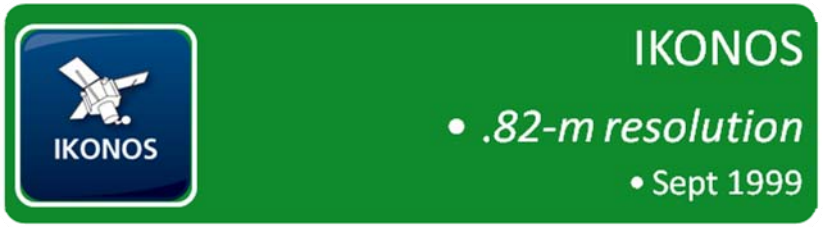
OrbView-2

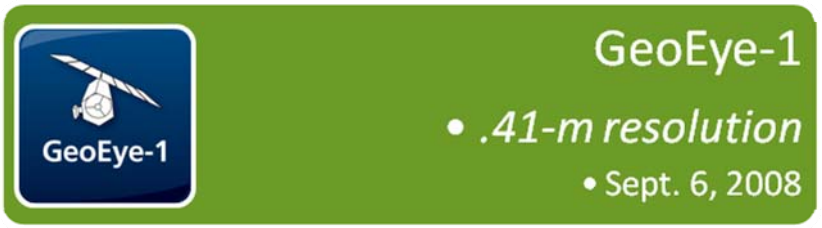


GeoEye-2

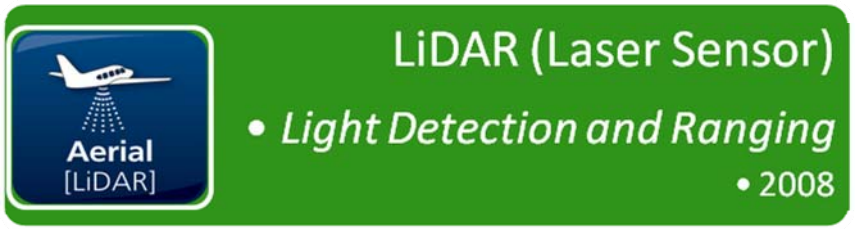
Imagery Collection

Satellite Sensors



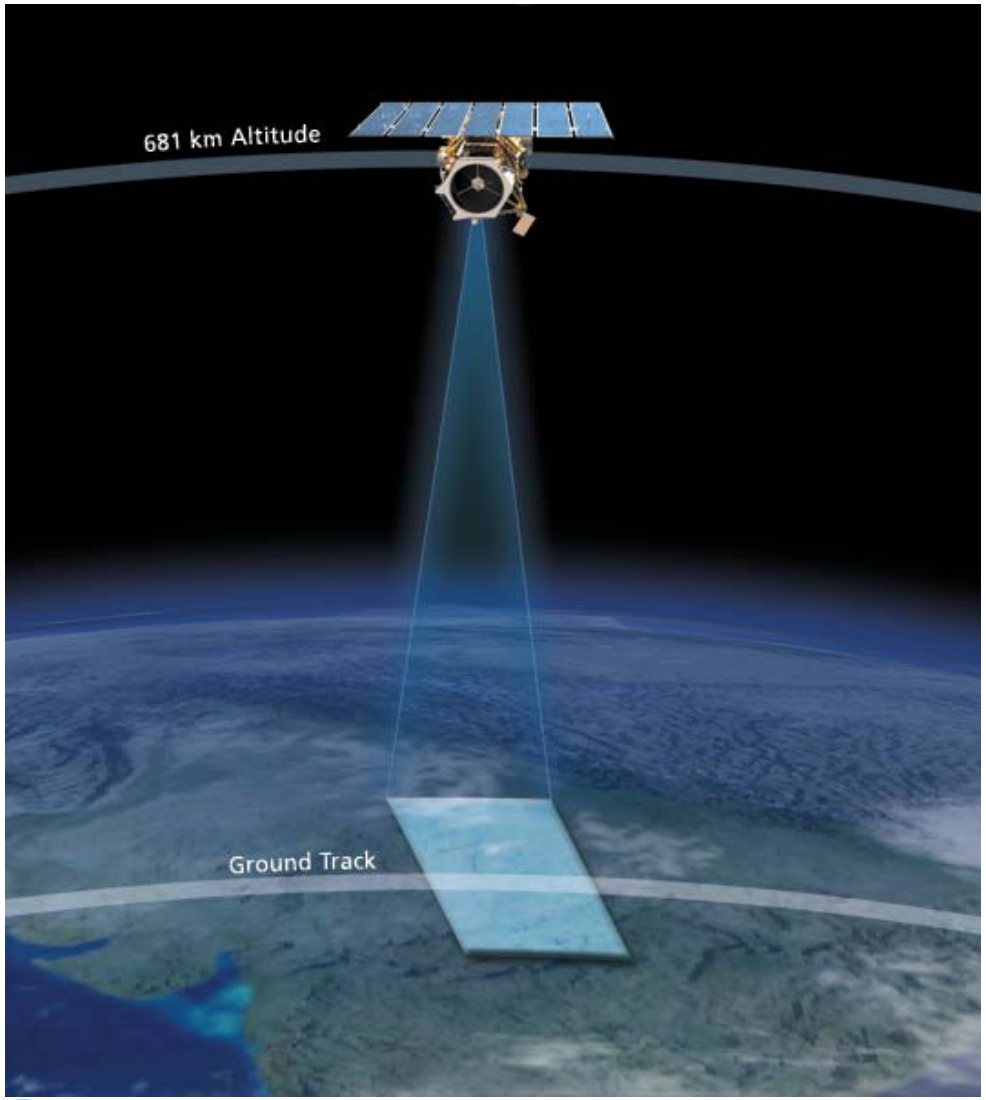


Aerial Sensors



GeoEye

Imagery Collection & Sales



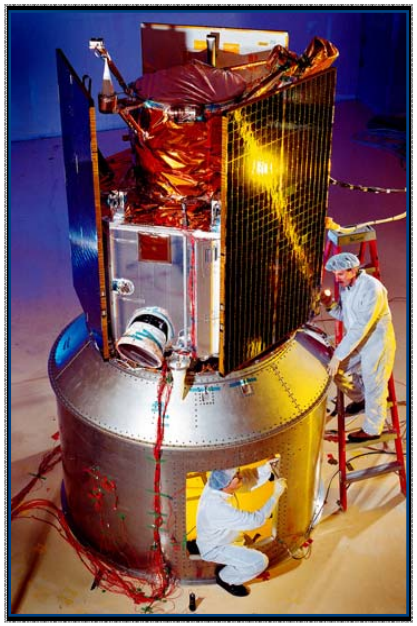
How do we sell imagery?

- Access minutes **(time)** to our high resolution electro-optical satellites
  - IKONOS and GeoEye-1
  - Government Affiliates
- Square kilometers **(data)** from our satellites
  - Rights to resell GeoEye-1 data collected anywhere
  - Both newly collected and archive
  - Both Government and Commercial Customers

GeoEye

IKONOS: Built by Lockheed Martin

World's First Commercial Sub-Meter Resolution Satellite



Capabilities

- <0.8-meter resolution
- Agility; point and shoot
- Increased imaging volumes
- Direct regional tasking and imagery downlink

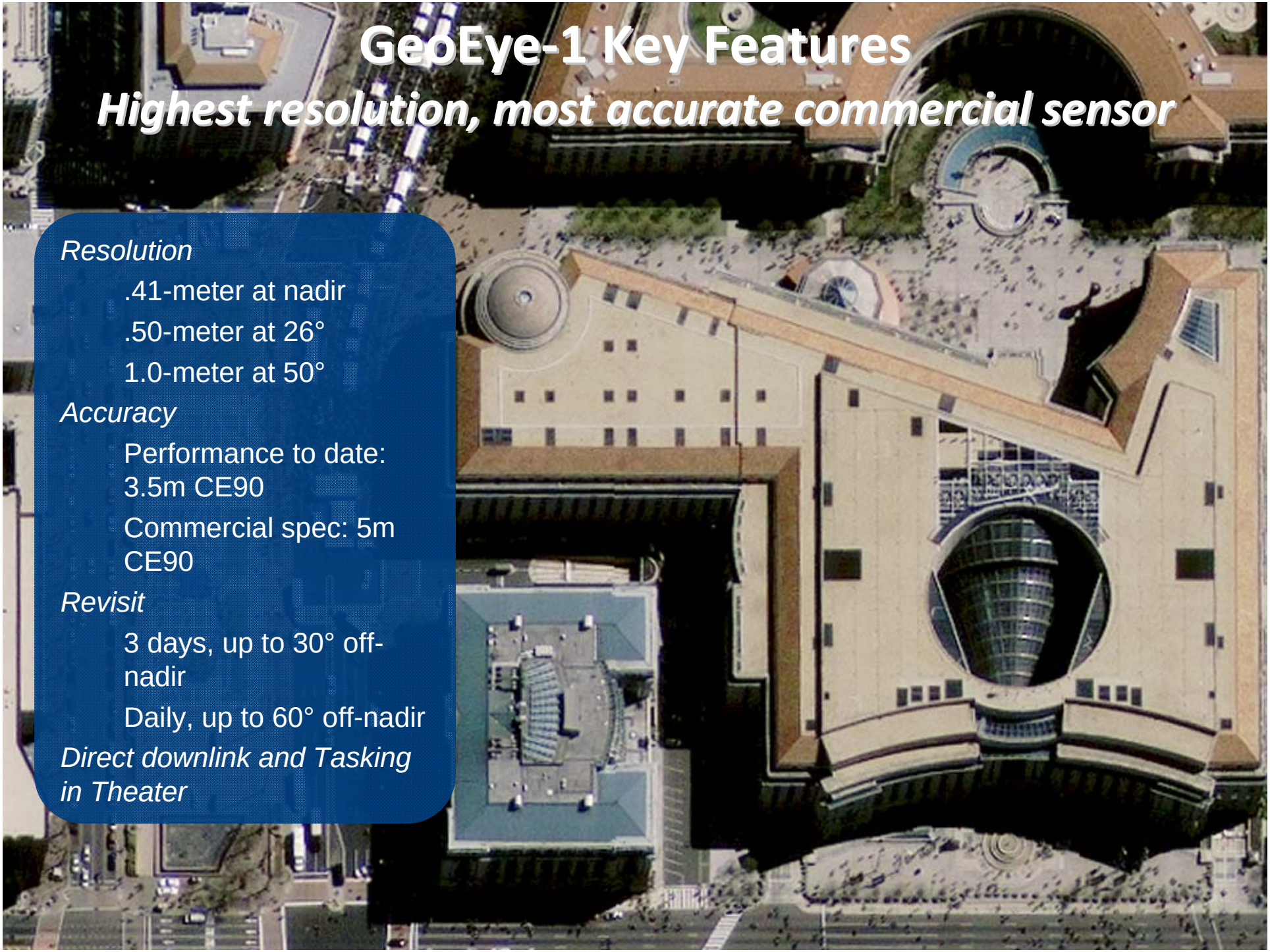
More than 10 years of on-orbit operational excellence

GeoEye


GeoEye-1
GeoEye-1 Half Meter Imagery
Inchon Airport Korea – Collected Oct 2008

GeoEye-1 Key Features

Highest resolution, most accurate commercial sensor



Resolution

- .41-meter at nadir
- .50-meter at 26°
- 1.0-meter at 50°

Accuracy

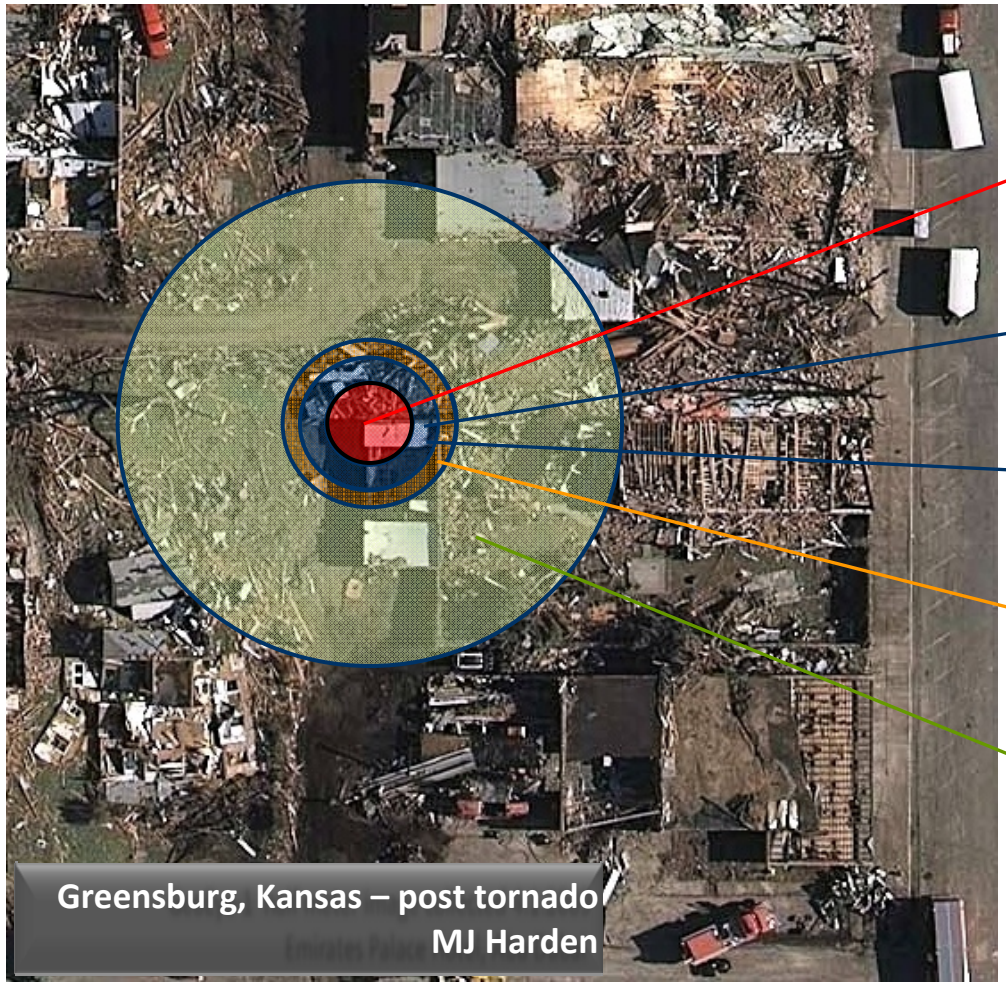
- Performance to date: 3.5m CE90
- Commercial spec: 5m CE90

Revisit

- 3 days, up to 30° off-nadir
- Daily, up to 60° off-nadir

Direct downlink and Tasking in Theater

GeoEye-1 is the World's Most Accurate Commercial Imaging Satellite



Satellite	Accuracy
GeoEye-1	**<3.5 meter actual** <5.5 meters (spec)
WorldView-1	6.5 Meters (spec)
WorldView-2	6.5 Meters (spec)
IKONOS	**7.8 meters (actual)** 15m (spec)
Quickbird	23 meters (spec)

GeoEye collection assets shown at actual accuracy, others at specified; representation of accuracy on imagery

GeoEye's satellite imagery has *twice* the accuracy of its nearest competitor

GeoEye

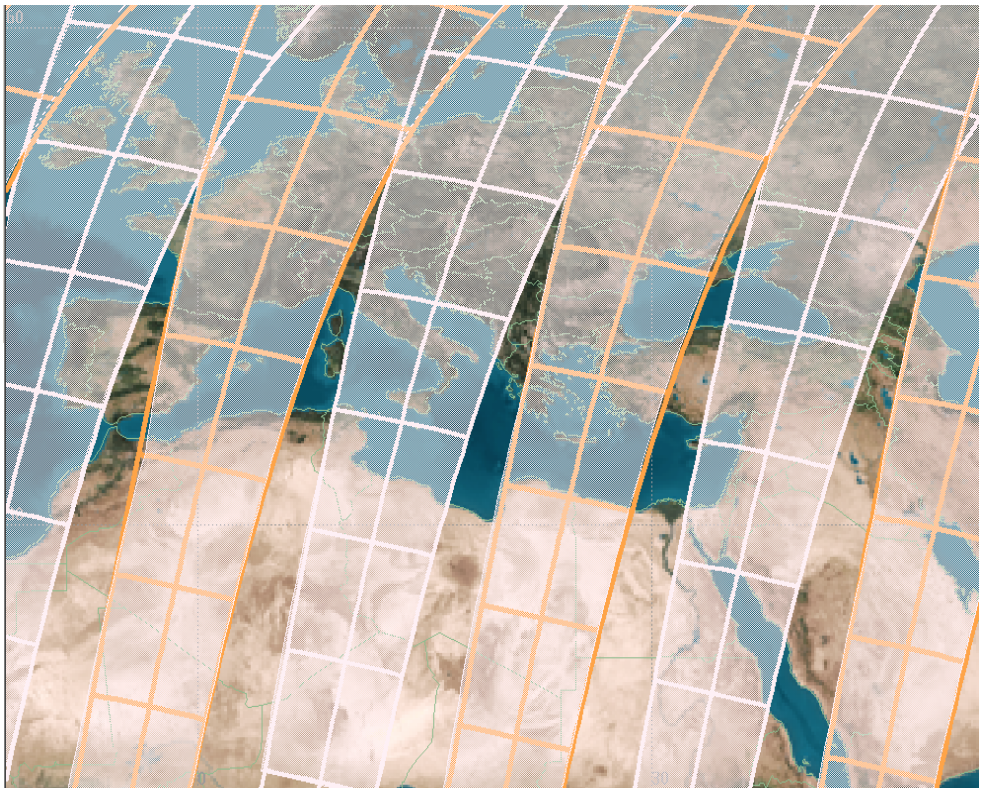
Collection Capacity

Faster Response Times

Faster Project Completions

More Opportunities Served

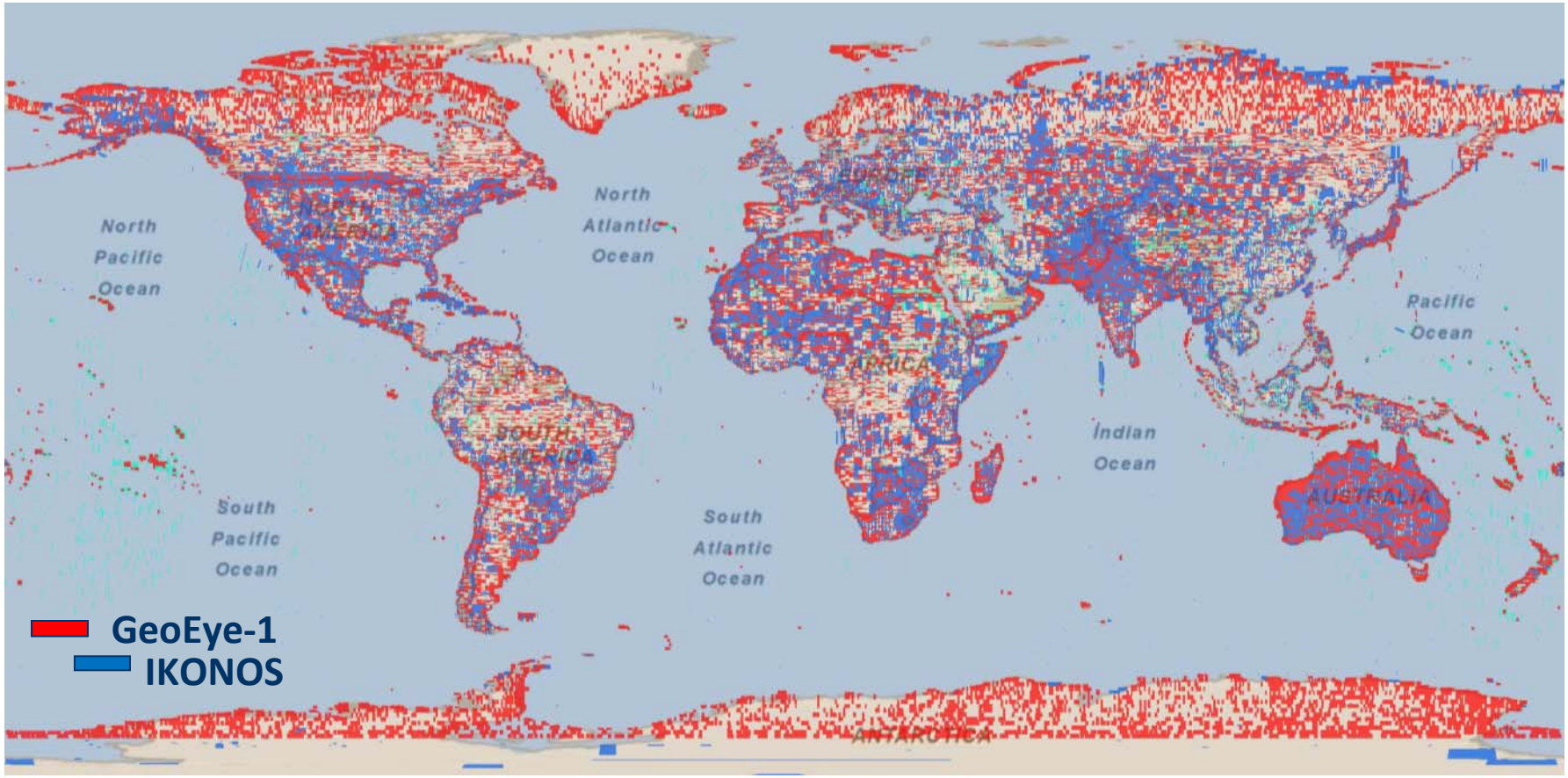
- GeoEye Constellation Collection Capacity
  - GeoEye-1
    - Image 350,000 km^2/day in multi-spectral mode
    - 700,000 sq km/day panchromatic mode
  - IKONOS
    - 150,000 sq km/day
- True Constellation Operations for GeoEye-1 and IKONOS
  - Phased orbit
  - Access to all locations nearly every day



White = GeoEye-1 Collection path

Orange = IKONOS collection path

Color Satellite Imagery Archive



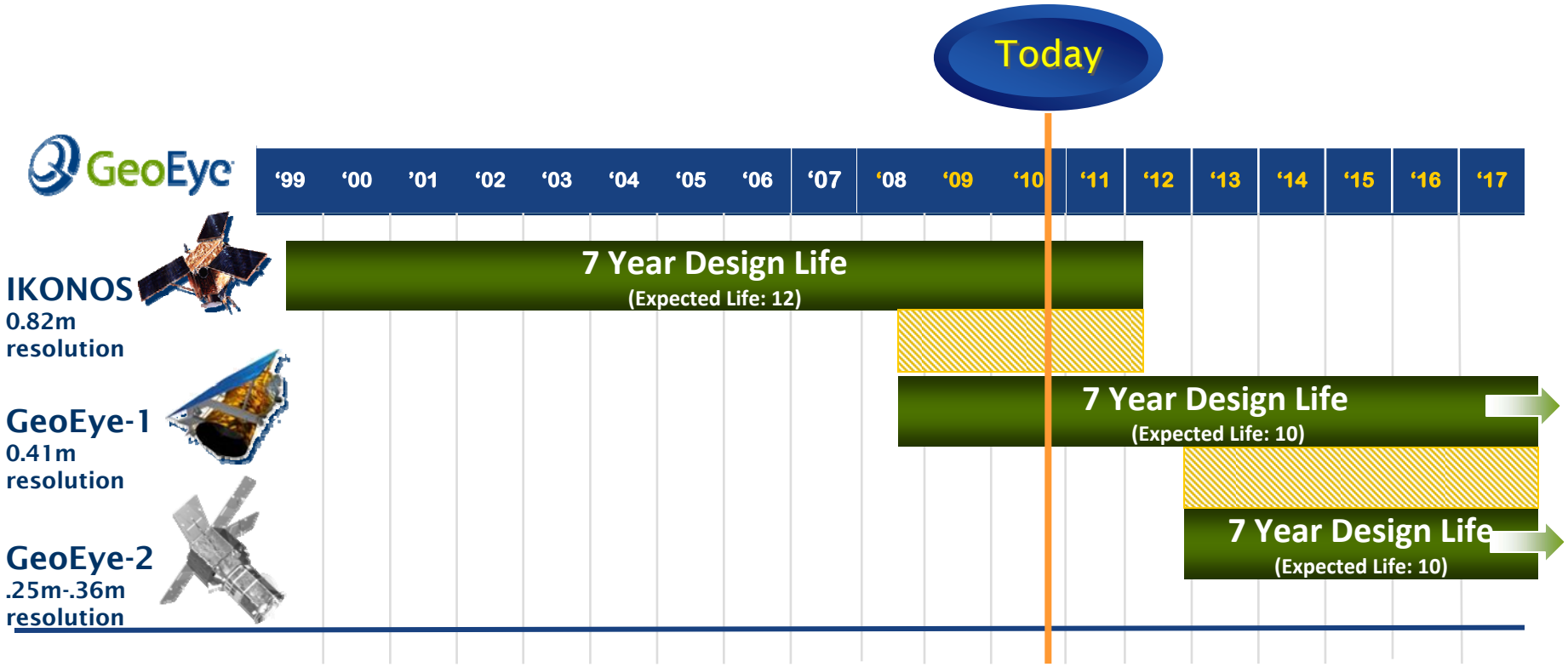
GeoEye-1 and IKONOS archive contains over *420 million sq km* of color imagery as of Spring 2010

Archive imagery is especially valuable for *Before and After* analysis to detect change

GeoEye


GeoEye-2
GeoEye Selects Lockheed Martin to Begin Engineering and Manufacturing of GeoEye-2, the Company's Next Commercial Earth-Imaging Satellite

Continuity of Imagery



Assured access to uninterrupted
High-resolution imagery

Commercial Imagery Products

Geo™ *Map Oriented Imagery*

For those who want satellite imagery for visual and interpretive applications that are geometrically accurate and cost effective.

Typical Applications

- Environmental monitoring
- Image interpretation
- Photogrammetric applications
- Disaster response

GeoProfessional™ *Terrain Corrected Imagery*

Perfect for anyone demanding greater image positional accuracy. The optimal choice for regional mapping or for tasks requiring terrain-corrected imagery.

Typical Applications

- Base mapping
- Planning
- Infrastructure management
- Location services
- Visualization and simulation
- Online mapping

GeoStereo™ *Imagery*

For those requiring images that deliver three-dimensional viewing, feature recognition and feature extraction.

Typical Applications

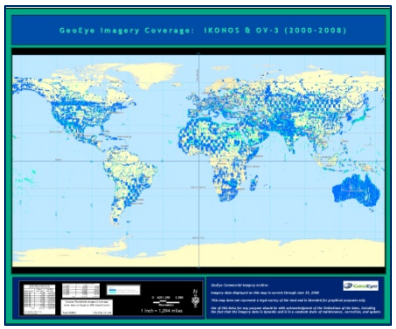
- 3-D feature extraction
- DEM extraction
- Stereo visualization of natural features
- Building height extraction

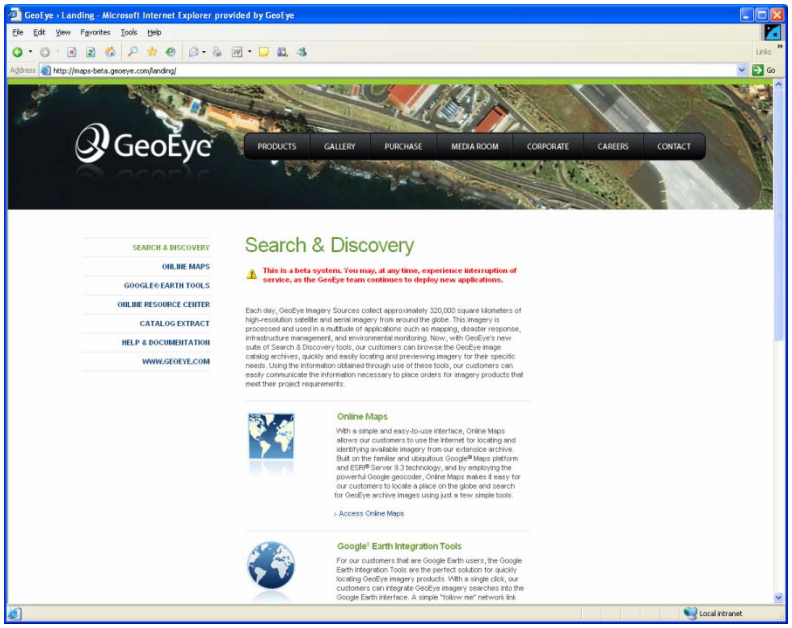
GeoEye

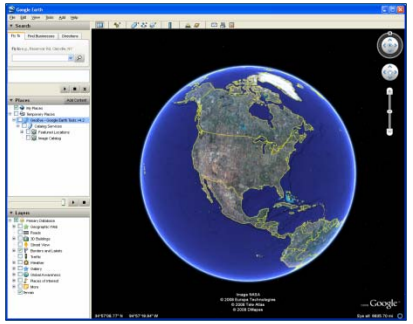
Search for Imagery

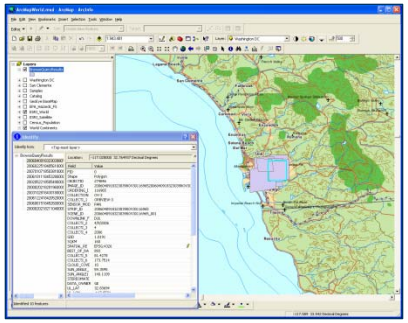
www.geoeye.com

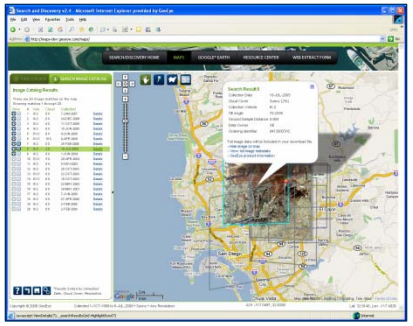
GeoFuse: New Online Search Tool







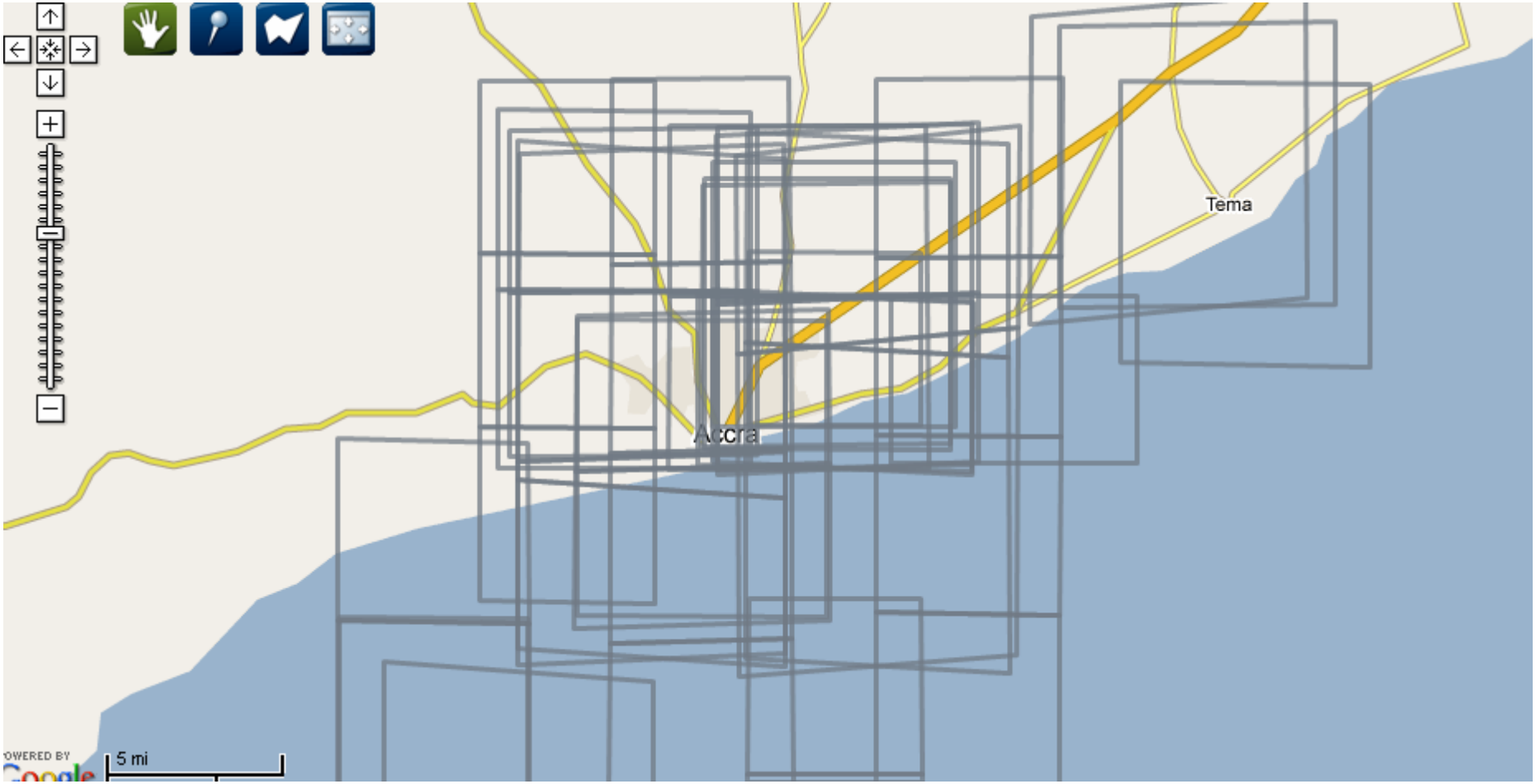




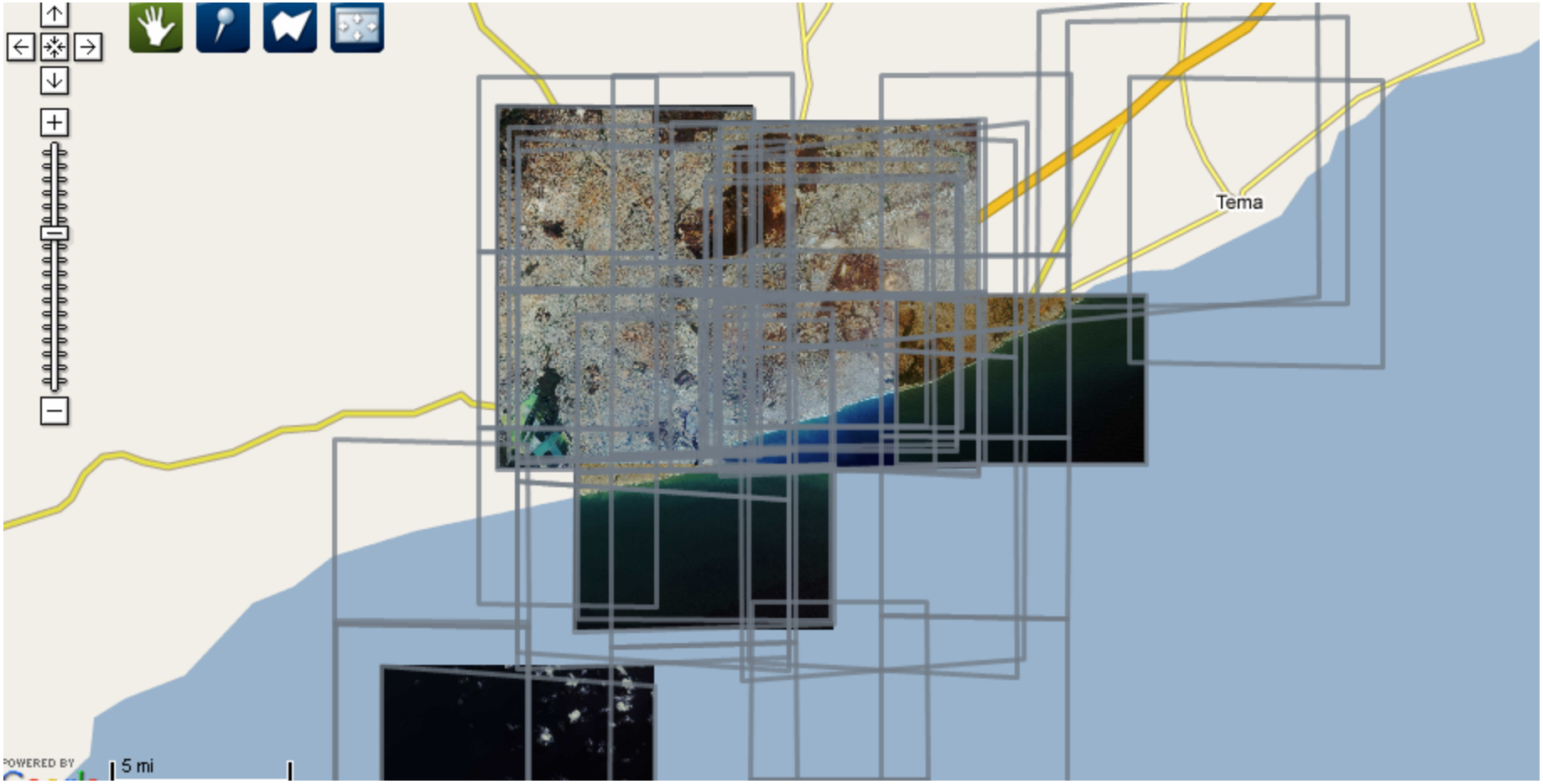
www.geoeye.com

Pick your location - Greater Accra area

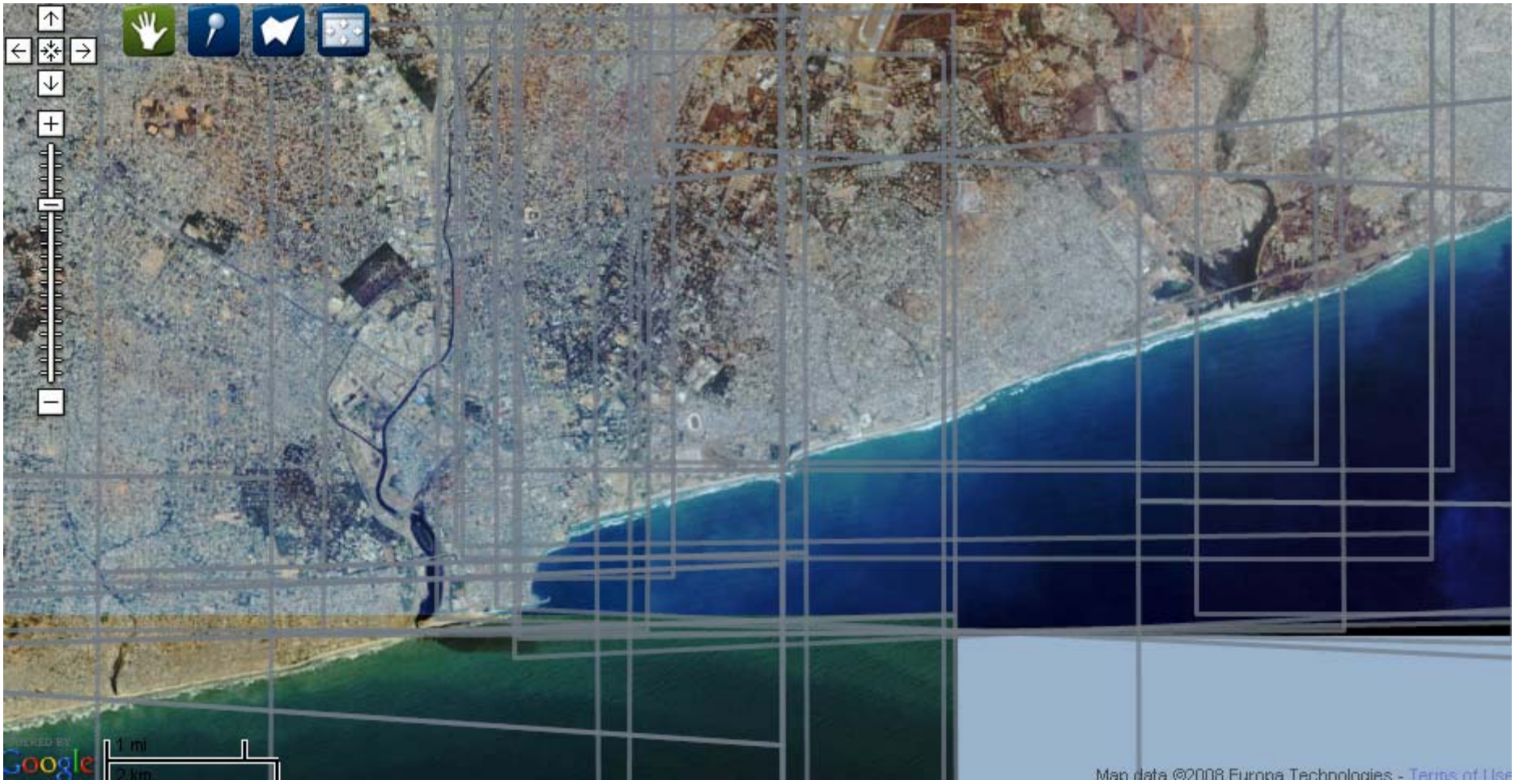
Search for available archive



Show footprints of imagery (1/16 resolution)



Select required scene – area, time, cloud cover



Full resolution 1 meter imagery

Zoom into your Area of Interest

Imagery Collection for Disaster Response

GeoEye

GeoEye-1 Collection Plan

Port Au Prince, Haiti

Front fold of the Washington Post
January 15, 2010

Friday, January 15, 2010 Markets: DJIA +29.78 NASDAQ +8.84 S&P 500 +2.78

Cuba opens airspace to evacuation flights

Haitians struggle to find the dead and keep survivors alive; relief efforts slow to reach needy.
» Manuel Roig-Franzia, Mary Beth Sheridan and Michael E. Ruane | 9:13 a.m. ET

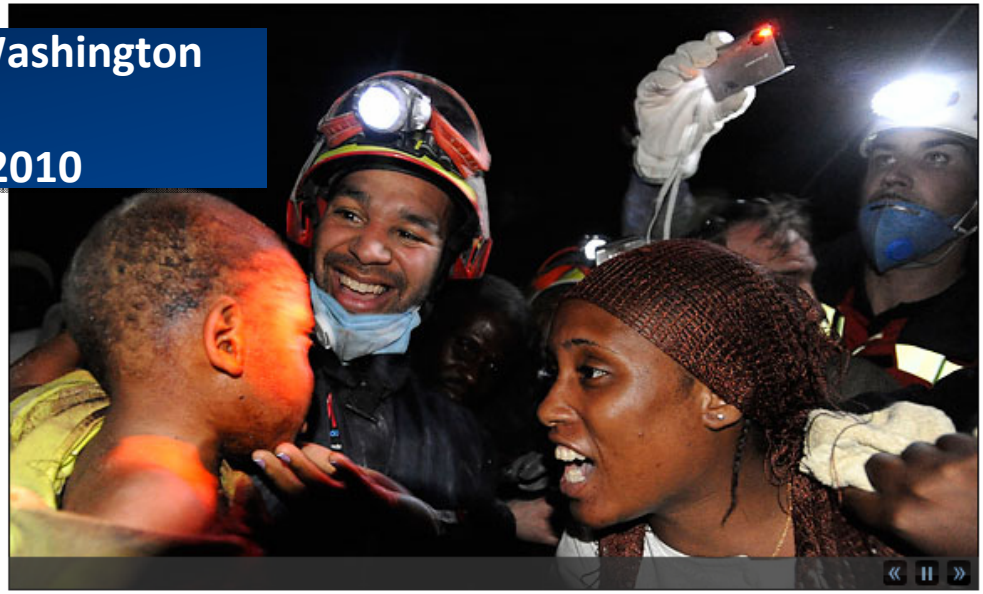


Photo gallery: Massive earthquake devastates Haiti

Reggie Claude, greeted by his mother, is rescued from the rubble of his home. (Photo: Carol Guzy/Post)

'Government doesn't exist at all'

Throughout destroyed city, ordinary Haitians struggle to cope with tragedy, scenes of horror.
» Mary Beth Sheridan, William Booth and Manuel Roig-Franzia

- U.N.: Looters break into U.N. warehouses
- Latest updates: Aristide wants to return

'You've seen the pictures'

Former president Bill Clinton urges Americans to donate money to relief groups.
» Philip Rucker | 9:21 a.m. ET

- Coast Guard officer: "We saved a lot of lives"
- Time and coordination are of the essence
- ABC: Adopted Haitian orphan found unharmed

New start for 'uneasy neighbors'

Disaster may provide a chance for the U.S. and Haiti to improve their star-crossed relationship.
» Glenn Kessler

- Days into job, USAID chief tackles quake response
- Legal status sought for Haitians illegally in U.S.
- Comments on Haiti draw fire from both sides | 44
- New technology speeds donations | Dvorak

GeoEye satellite view of damage

Interactive image of Port-au-Prince after quake.

- The world reacts to crisis | Post your photos
- A harrowing journey to Haiti
- Competition for supplies | More videos

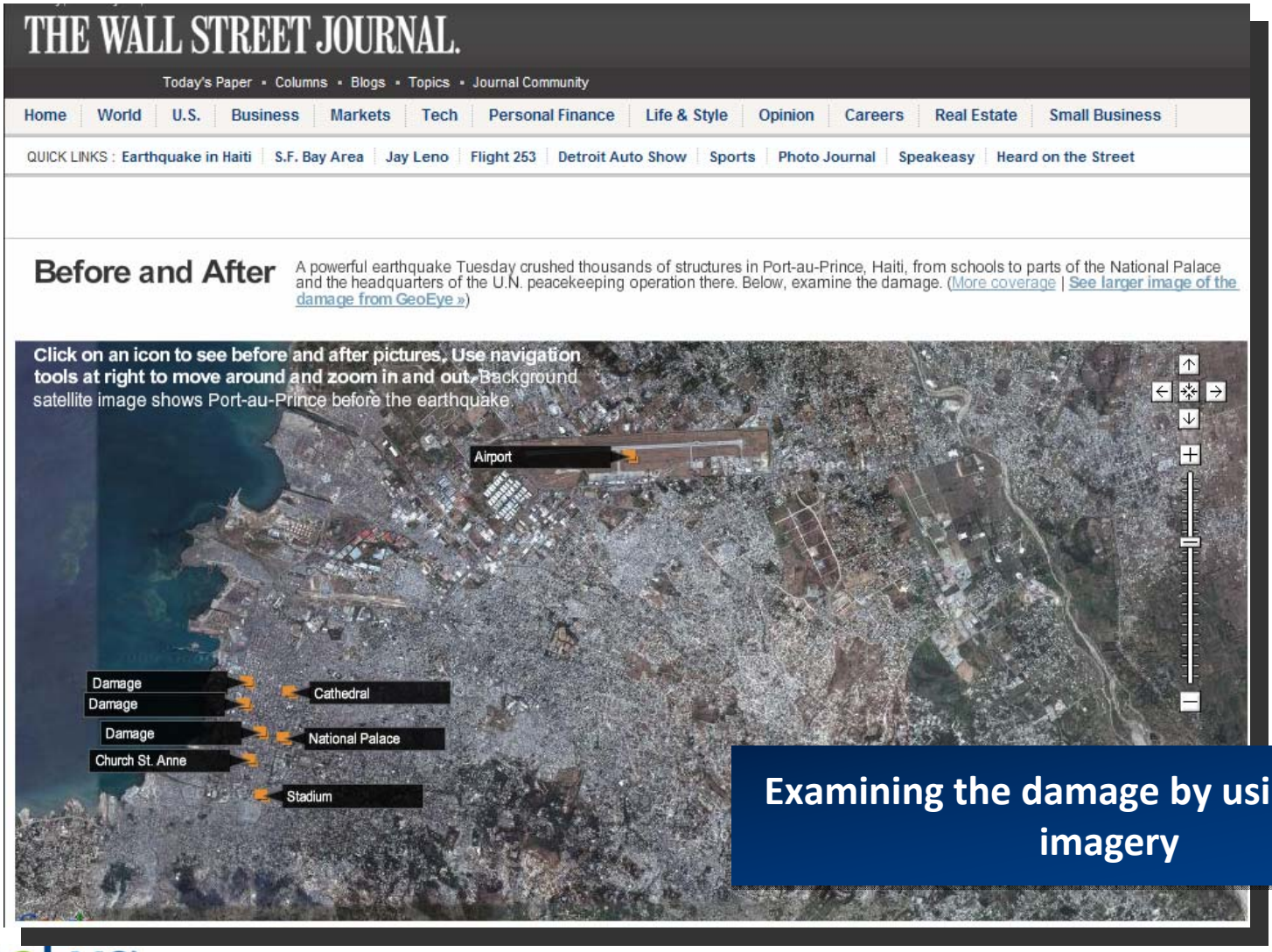
The New York Time

January 14, 2010

GeoEye imagery of Port Au Prince, before and after the 7.0 earthquake disaster

The Wall Street Journal

January 15, 2010



Examining the damage by using GeoEye imagery

GeoEye

Before

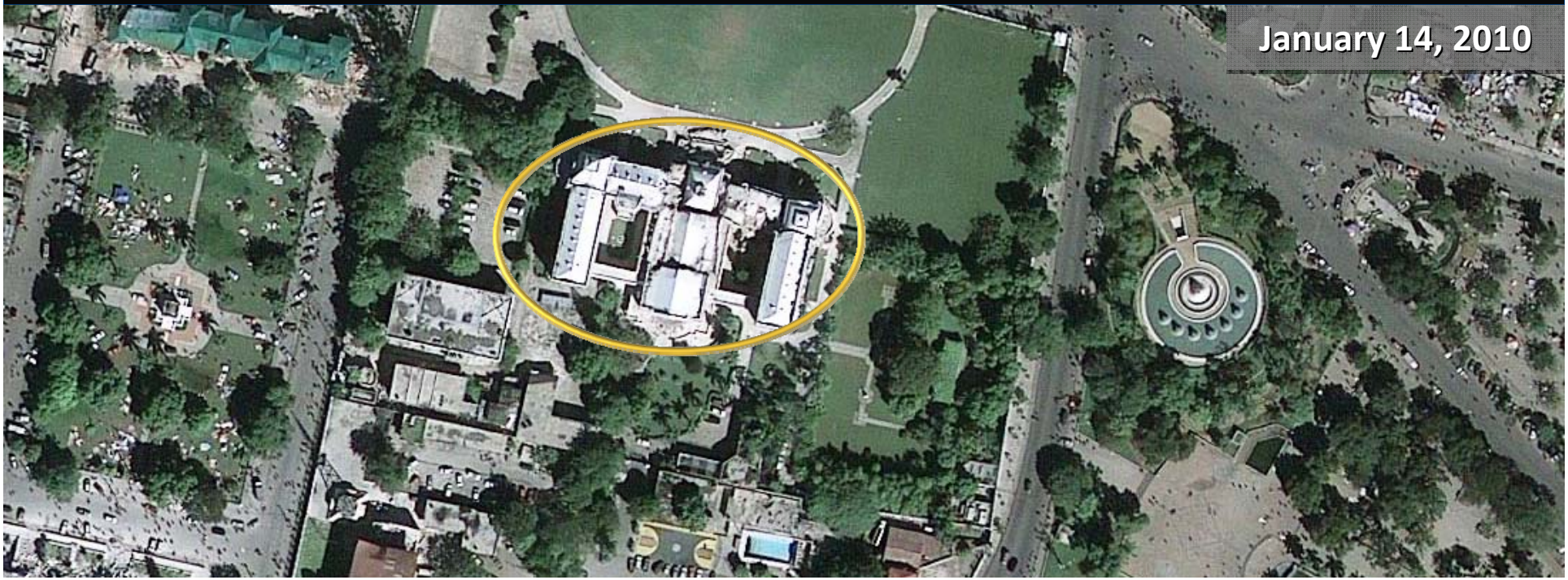
After the Jan. 12th earthquake, the Port Au Prince National Cathedral still remains standing but terribly damaged

After

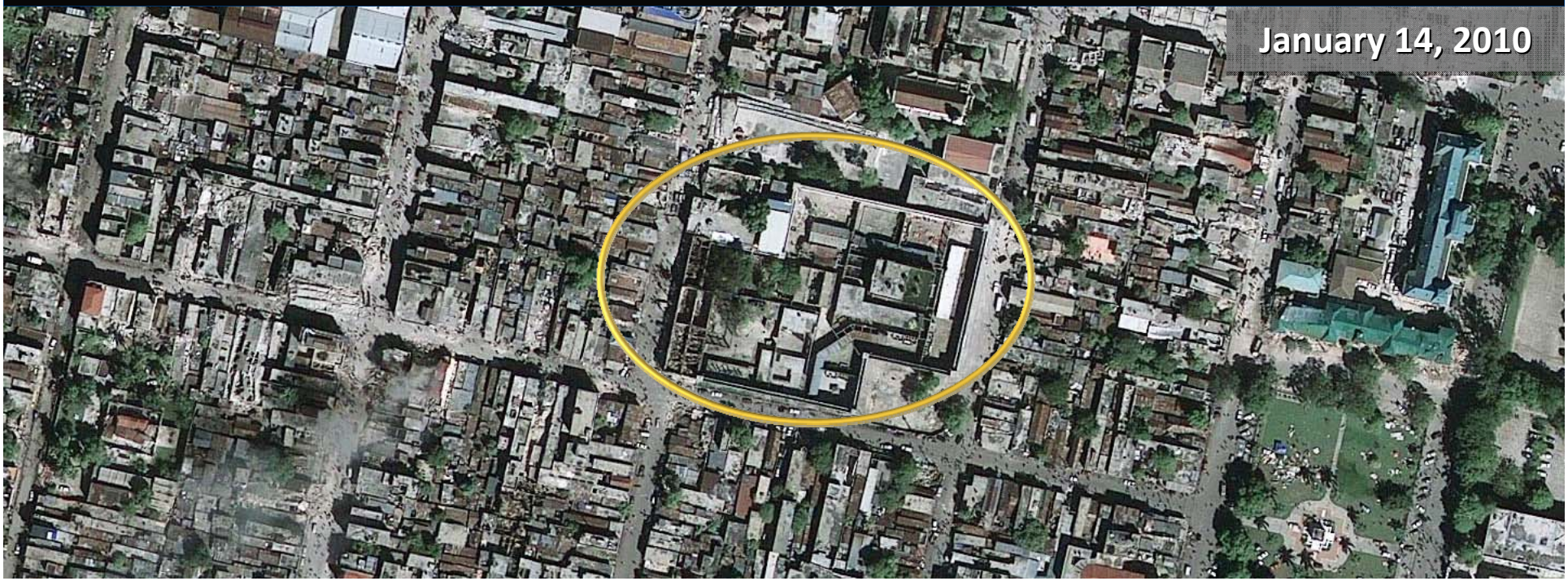
Before

The front of the Presidential Palace crumbled to the ground

After



The National Penitentiary, constructed in 1918 collapsed during the earthquake crisis in Port-Au-Prince, Haiti on January 12th, 2010 resulting in numerous escapes & deaths



Oil Spill
Gulf of Mexico
April 20th, 2010

Advantages in Africa

- Strong Demand
  - Commercial and Government
  - Mapping, Census projects, Environmental, Multi-National Corporations, Oil and Gas
- Visual Product
  - 1000 words
  - Imagery provides fast and understandable information to decision makers
- Google Earth, etc.
  - Awareness of industry and imagery available
- Satellite vs. Aerial
  - Less restrictions, higher accuracy, less ground truth

Challenges

- Cost
  - High resolution is still expensive
- Time for project development
  - Projects can take time to define, develop and fund
  - Commercial companies don’t always have patience
- Data storage and Training
- Procurement system
  - Satellite imagery is a big purchase – use for many groups
  - Centralize procurement group, storage and distribution

Moving forward in Africa

- GeoEye has a large source of imagery
  - Want to strengthen commercial relationships
  - Government and Commercial organizations
  - Develop new applications
  - Education and training

Open to new partnerships and collaborations to help get data in the hands of end users

GeoEye Foundation

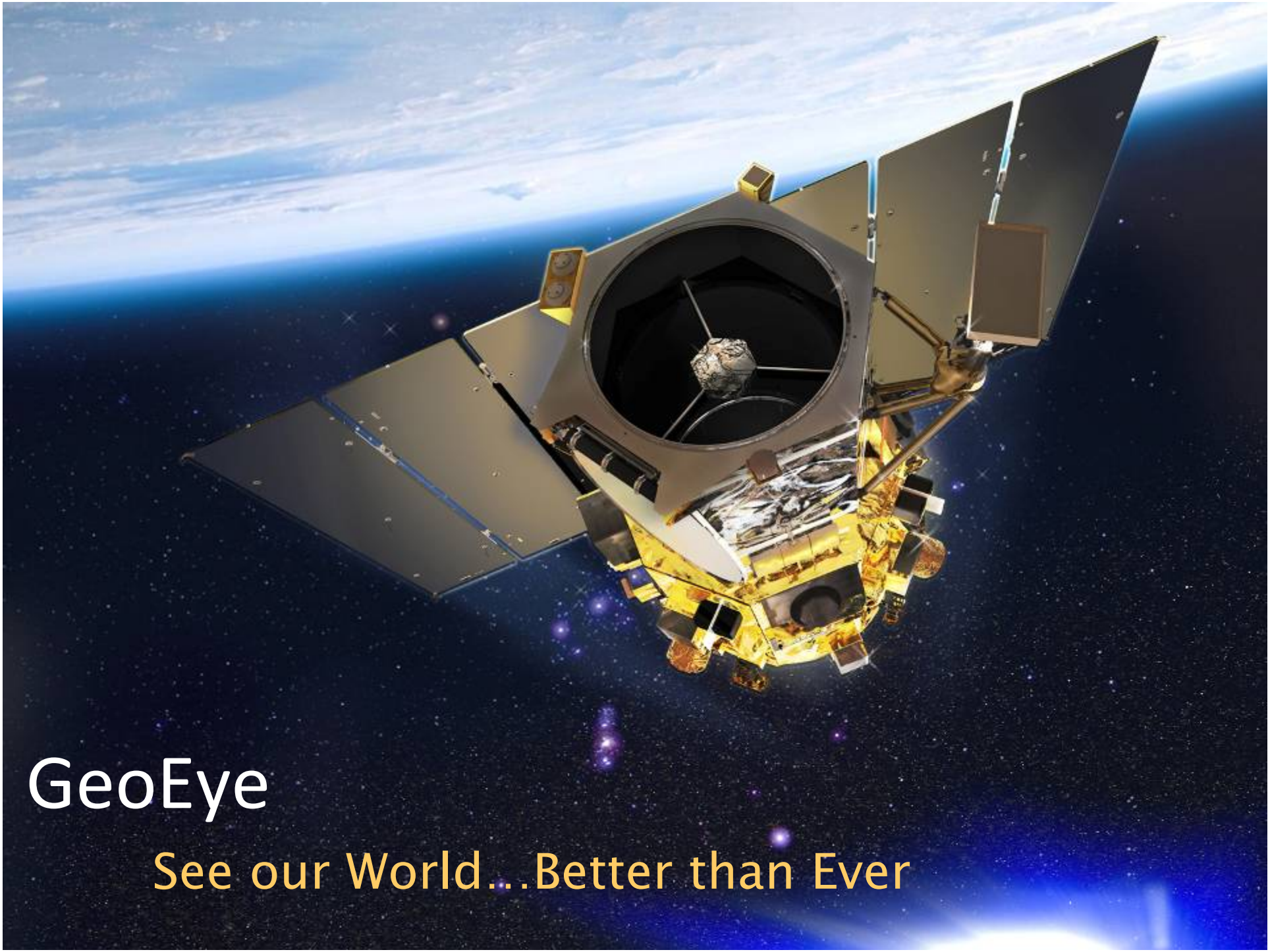
Educate Innovate Inspire

- The Foundation awards imagery grants from the GeoEye archive to university students and researchers
  - Over 100 imagery grants since 2007
  - Over 100 thousand sq km of imagery
  - Fields of study include:
    - archaeology, human rights, land cover assessment, climate change, forestry, health, fishery management, national security, disaster response & recovery, water & natural resource management
  - Scholarships
    - George Mason University
    - University of Missouri

Harvard research project on monitoring malaria - Mali, Africa

"We are proud that we can use our technology to help inspire and educate young people and to help them use the world's best imagery to solve real world problems."

-Matt O'Connell, GeoEye President & CEO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